

Authorization Basis Amendment Request

ABAR Title: Changes to Safety Requirements Document, Volume II, Appendix A with regard to Integrated Safety Management Team Makeup & Roles and Documentation of Control Strategy Selection

ABAR #: ABAR-W375-99-00015 Revision: 1 Associated ABCN #: W375-99-00061 and -00063

Originator: Thomas R. McDonnell Date: 1 Apr 2000
Print Name

Description of proposed revision:

1. Note that the project refers to the process for establishing a set of radiological, nuclear and process safety requirements and standards as "Integrated Safety Management" (ISM).
2. Clarify the description of the process of selecting Work Activity Experts, which ensures that the most qualified personnel on the RPP-WTP project participate in this role. Generalize participation of technical staff of the Project Design Managers.
3. Clarify that the safety requirement and standards identification process management team is the Process Management Team. Provide the current project title for the safety requirements and standards Process Manager. Define makeup of PMT by project organization, rather than by specific position title, and clarify that project implementing documents provide the specific constitution of the PMT.
4. Clarify that the integrated teams perform work identification, hazard evaluation, control strategy development, and standards identification.
5. Clarify that documentation of the linkage of control strategy to respective hazards will be contained in the hazard database. Clarify the requirement to provide a defensible rationale for selection of all preferred control strategies to note that, when the appropriate control strategy is self-evident, or where a proven control strategy exists that is appropriate to the hazard, the rationale need only state that fact and not provide a discussion of other, obviously inappropriate, alternatives. In other cases, a formal evaluation of potential alternative control strategies is required, along with the defensible rationale for selection of the preferred strategy.
6. Clarify that the definitions of "Safety Design Class" and "Safety Design Significant" are located in SRD Safety Criterion 1.0-8.
7. Editorial changes related to cross-references to SRD chapters and safety criteria.

Reason(s) for the proposed revision:

1. Identify project nomenclature for the "-0004" process.
2. Involve most knowledgeable project personnel in ISM process. Enhance flexibility in team makeup.
3. Clarification of role of Process Management Team. Broadens makeup of PMT, while providing flexibility in specific membership. The Process Manager has not changed; however, the project's title for the position has changed.
4. Clarification that integrated teams for each RPP-WTP facility perform all steps of ISM.
5. Provide a more effective use of resources and avoid unnecessary documentation in selection of standards.
6. SRD Appendix A discusses the process of classifying SSCs within the context of ISM; however, the terms SDC and SDS are defined in Safety Criterion 1.0-8. This change is intended to avoid confusion as to the precise definition of those terms.
7. Editorial changes for clarity.

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Description of the proposed implementation schedule :

Revised pages of the AB documents (including revision pages) will be submitted to the RU within 14 days following RU approval. The amendment will be fully implemented within 30 days (i.e., modifications to controlled copies of the AB and subordinate documents).

If the revision involves the deletion or modification of a standard previously identified in the approved SRD, provide:

- A. An evaluation that demonstrates the revised SRD continues to identify a set of standards that will provide adequate safety, comply with all applicable laws and regulations, and conform to top-level safety standards; and
- B. A certification that the revised SRD identifies a set of standards that continues to provide adequate safety, comply with all applicable laws and regulations, and conform to top-level safety standards.

Attachments:

- 1. Copies of the AB document(s) or appropriate excerpt showing the proposed revision(s).
- 2. Copy of safety evaluation.
- 3. If not included above, justification for the revision and demonstration that the revision is safe.
- 4. Items A and B above, if applicable.

Manager, Engineering

Date

Radiological, Nuclear, and Process Safety Manager

Date

Manager, Quality Assurance

Date

Chairman, Project Safety Committee

Date

RPP-WTP General Manager

Date